


NASA Modeling Guru Basics

 NATIONAL AERONAUTICS
AND SPACE ADMINISTRATION

+ NASA Portal
+ Request an Account
+ Modeling Guru Home

Modeling Guru
BETA

Welcome, Guest [Login](#)

A Brief Introduction to NASA Modeling Guru

Modeling Guru is a research and collaboration resource for all those concerned with NASA scientific models or NASA's High End Computing (HEC) systems.

Atmospheric Dynamic Models

- GEOS-DAS
- GEOS
- MERRA
- GCE
- GISS ModelE
- fvCore

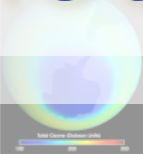
Atmospheric Chemistry Models

- GEOS-CHEM
- GMI

Ocean Models

- Poseidon
- MOM4
- MIT OGCM

Solid Earth Models



Modeling Guru assembled data and knowledge from a community repository for the accumulated expertise of NASA's scientific modeling community. All NASA modelers and associates are encouraged to participate and help us fill the "holes" in our modeling knowledge.

Disclaimer: While this is a government resource, it is not totally screened for content. By accessing this site, you agree to use it at your own risk.

Become a Registered Member Today!

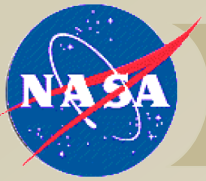
Registration offers you a number of benefits, including being able to view restricted material, ask questions, contribute your expertise and more. View registration instructions in the [Modeling Guru Registration FAQ](#).

★ **New to Modeling Guru?**

This site offers a number of powerful features, including "wiki" documents, RSS feeds, search tools, and more. For a brief intro, see [Modeling Guru Basics](#) or take the more-detailed [Quick Tour](#).






★ **Important Links**

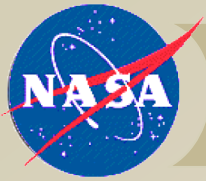
- [How To Register](#)
- [Frequently Asked Questions](#)
- [Posting Policy](#)



NASA Modeling Guru Basics

What is Modeling Guru?

- It is a collaborative, knowledge-sharing environment for NASA's scientific modeling community
 -  – Forums for discussions, questions, & feedback
 -  – Online "Wiki" documents for collaborative writing
 -  – Excellent Search features
 -  – Email/private messages
 -  – Instant Messaging (coming soon)
- It is available at: <https://modelingguru.nasa.gov>
- It's running on *Clearspace* by *Jive Software*

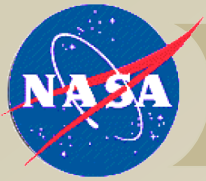


NASA Modeling Guru Basics

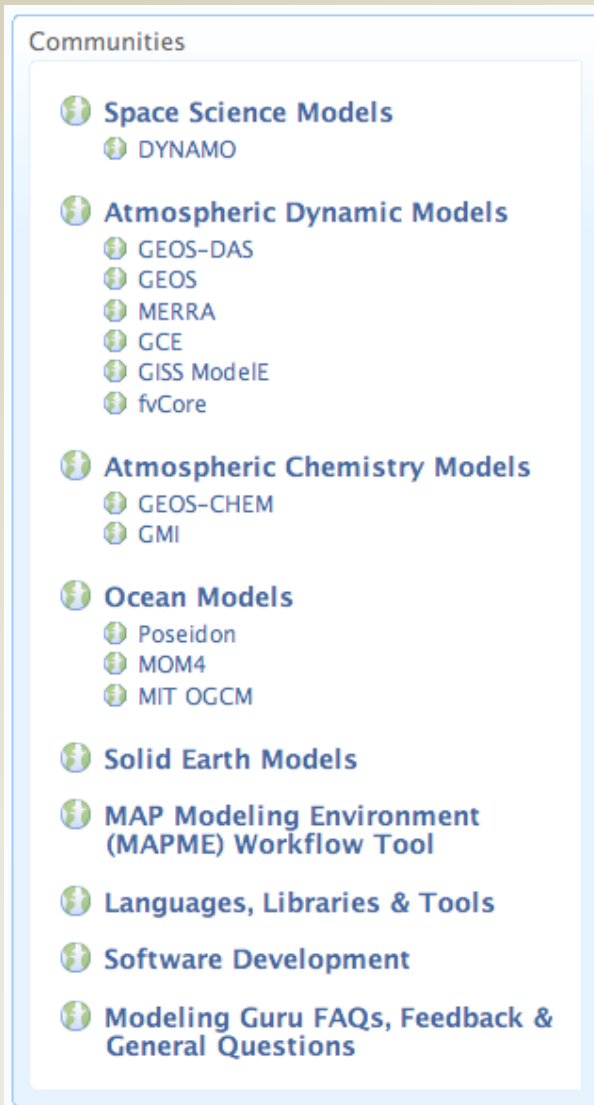
Register and Log In



- Anyone can view most of the content on Modeling Guru, but you must log in to post messages and view restricted communities.
- Everyone with an NCCS account should already be registered. Simply use your existing Username and LDAP Password to login.
- Click the Login link to enter your Username and Password
- If you need an account (valid for Modeling Guru only), click "Request an Account" at the top right, and follow the instructions to apply with the web-based registration form.

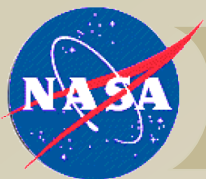


NASA Modeling Guru Basics



Communities

- Modeling Guru is divided into a hierarchy of communities
- Each community has its own discussions, documents, and possibly blogs (to start a blog, see SIVO Curators shown in footer)
- Each community has its own privacy settings and can restrict access to a select group of users.
 - See SIVO Curators to request adding a new sub-community for a select group



NASA Modeling Guru Basics

Actions

Clicking on the GMI sub-community will bring you to this GMI Overview. From this page you can:

- Start a new discussion
- Create a document
- Receive email notifications
- View RSS feeds
- Click to subscribe to all new posts in this community
- View RSS feeds
- Use "breadcrumb" links to go back to a parent community
- Browse recently posted content. Use above tabs to view only discussions or documents

NASA Modeling Guru > Atmospheric Chemistry Models > GMI

GMI

Overview All Content (24) Discussions (5) Documents (19) Blog Posts (0)

GMI Background Info

The goal of GMI is to develop and maintain a state-of-the-art modular 3-D chemistry and transport model (CTM) that can be used for assessment of the impact of various natural and anthropogenic perturbations on atmospheric composition and chemistry.

Help for New Users

New to GMI? Here are documents to help you get started.

- [Description of the GMI Code](#)
- [Obtaining the GMI code](#)
- [Installing - Compiling - Running the code](#)

Sub-Communities

	Discussions	Documents	Blog Posts
gmi-integration email archive	262	1	

Recent Content

Author	Subject	Views	Replies	Last Activity
mrdamon	GMI Production Run Spreadsheet	386	0	2 days ago by mrdamon
mrdamon	GMI Production Runs	179	0	2 days ago by mrdamon
mrdamon	GMI Production Runs Summary	80	0	2 days ago by mrdamon

Actions

- Start a discussion
- Create a document

Notifications

- Receive email notifications
- View RSS feeds

Important Links

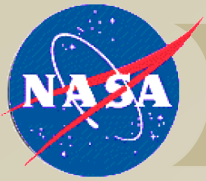
- [GMI Home Page](#)

Top Members

- [kouatch](#)
- [mrdamon](#)
- [whoff](#)
- [gswojick](#)
- [aartsen](#)

[View all participants](#)

The **Actions** choices will be discussed on the next 4 pages



NASA Modeling Guru Basics

Start a Discussion

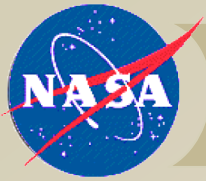
Post New Thread in GMI

Subject:

☒ Mark this thread as a question – this encourages people to answer for points and helps you track answers.

Rich Text Plain Text Preview

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NASA Modeling Guru Basics

Create a Document

A screenshot of the "New Document" form. At the top, it says "New Document" in blue. Below that, a subtitle reads: "Select the community where you'd like to create a new document. Also, choose the type of document you'd like." The form has a "Community:" label followed by "GMI" and a blue link "(change)". Below this are two radio button options: "Start a new document (using wiki markup if you like)." and "Upload a file from your computer (such as a Word, PDF, or image file)". At the bottom are two buttons: "Create New Document" and "Cancel". A dashed arrow points from the "(change)" link to the explanatory text below the form.

-A document is for capturing and sharing knowledge with others. The default "wiki" format lets you edit right in the browser, and allows others to easily collaborate on the same document.

-Select the lower option to upload an existing document in any standard document format

-This document will be stored within the GMI community, unless you click "change" and select another community



Create a Document

The Document editor is similar to the Discussion editor, but has a couple notable differences:

- Clicking on "Collaboration Options" allows the author to set who may edit, who may comment, and designate users who must approve the document
- All documents require approval by the community moderator before they are visible to the public



NASA Modeling Guru Basics

View RSS Feeds

NASA Modeling Guru > Atmospheric Chemistry Models > GMI

GMI RSS Feeds

Use the links below to subscribe to RSS feeds for this community. For private communities, you'll need to append your username and password to the feed URL or use a desktop feed reader that supports private feeds.

All Content RSS Feed: <https://modelingguru.nasa.gov/clearspace/community/feeds/allcontent?communityID=2001>

Tag RSS Feed: <https://modelingguru.nasa.gov/clearspace/community/feeds/tags/?communityID=2001>

Announcements: <https://modelingguru.nasa.gov/clearspace/community/feeds/announcements?communityID=2001>

Polls: <https://modelingguru.nasa.gov/clearspace/community/feeds/polls?communityID=2001>

Discussion Messages: <https://modelingguru.nasa.gov/clearspace/community/feeds/messages?communityID=2001>

Popular Discussion Threads: <https://modelingguru.nasa.gov/clearspace/community/feeds/popularthreads?communityID=2001>

Discussion Threads: <https://modelingguru.nasa.gov/clearspace/community/feeds/threads?communityID=2001>

Unanswered Threads: <https://modelingguru.nasa.gov/clearspace/community/feeds/unansweredthreads?communityID=2001>

Blog Posts: <https://modelingguru.nasa.gov/clearspace/community/feeds/blogs?communityID=2001>

Documents: <https://modelingguru.nasa.gov/clearspace/community/feeds/documents?communityID=2001>

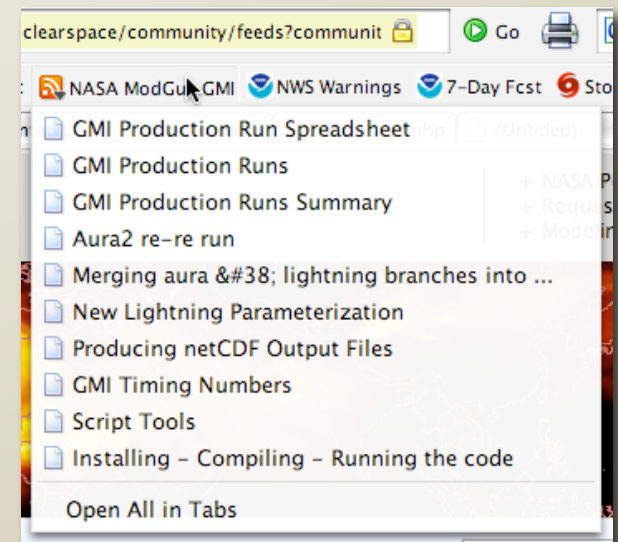
Statistics: <https://modelingguru.nasa.gov/clearspace/community/feeds/stats?communityID=2001>

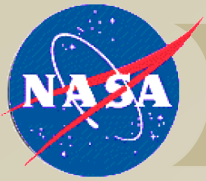
NOTE: To view feeds for a different community, choose the community from the drop down list below:

GMI

To avoid "email overload" you may prefer to use RSS Feeds to check on recent posts to the community.

In Firefox, clicking on one of the RSS links (shown left) will let you set up a drop-down menu of recent posts:

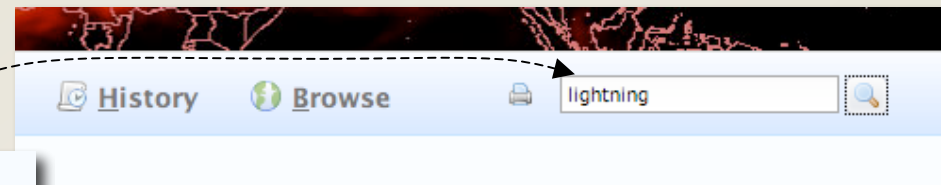




NASA Modeling Guru Basics

Searching for Content

Use the Search box at the top of each page to find specific topics:

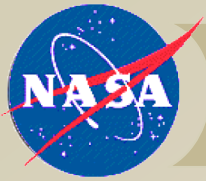


The screenshot shows the search interface with the following details:

- Search Bar:** Contains the text "lightning" and a "Search" button. Below the bar are links for "Fewer options" and "Search Tips".
- Filters:**
 - What:** Checkboxes for Blog Posts, Documents, Discussions, Blogs, Communities, and People. A "(Select None)" link is also present.
 - When:** A dropdown menu currently set to "All".
 - Where:** A list box showing "All Communities" as the selected option. Other visible options include "Space Science Models", "DYNAMO", "Atmospheric Models", "GEOS-DAS", and "GEOS".
- Search Results:**
 - Header: "Search Results"
 - Summary: "Your search for 'lightning' returned 98 results"
 - Navigation: "1 2 3 ... 7" with "Previous" and "Next" buttons.
 - Display: "15" items per page, sorted by "Relevance".
 - Result 1:** A discussion titled "Merging aura & lightning branches into the trunk" by mrdamon, dated Nov 7, 2007. The snippet mentions production runs for aura2 and lightning experiments.
 - Result 2:** A document titled "GMI Production Runs Summary" by mrdamon, dated Dec 30, 2007. The snippet lists file paths and model configurations.

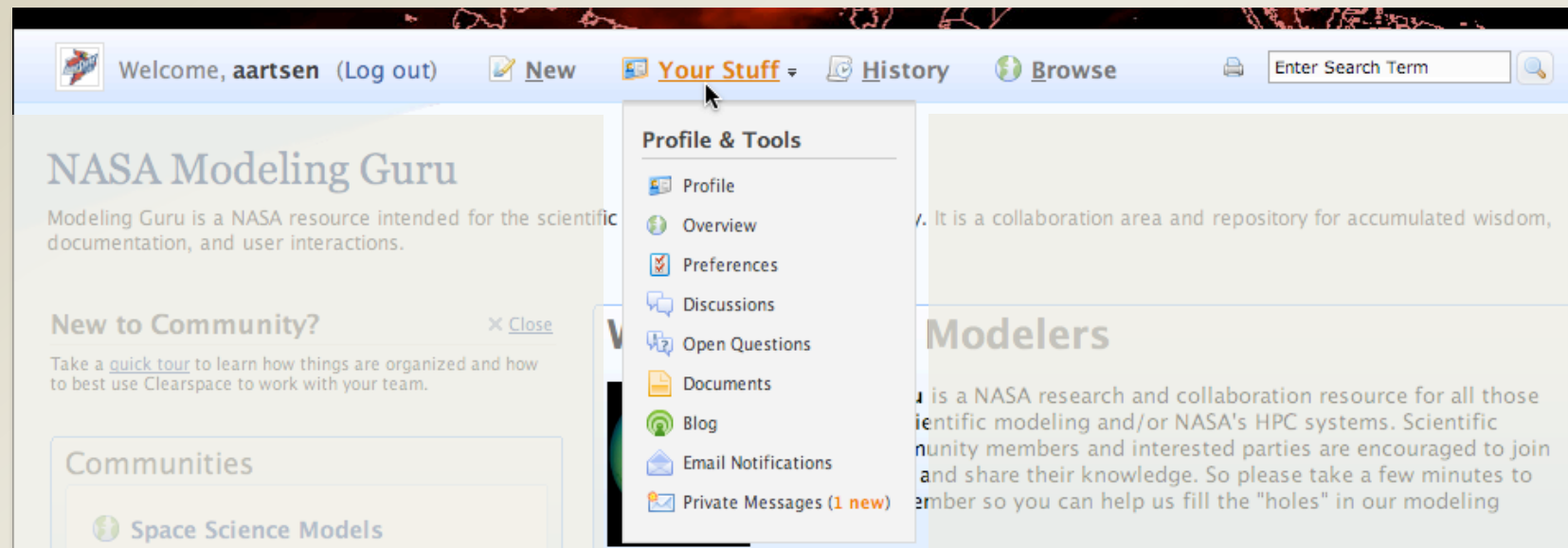
The resulting Search page will list all matching results in the Modeling Guru database.

- Click on "More options" to see the filter options shown here.
- You can filter by message type, posting date, and Community
- Use typical search syntax, such as quotes around phrases, and Boolean operators (AND, OR, NOT, +, -)
- Click on "Search Tips" for help with other features like wildcards, term-weighting, proximity search, etc.



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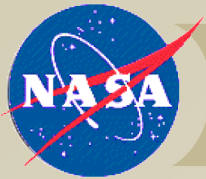
Navigation Bar



The Navigation Bar provides an easy way to access all of “Your Stuff”:

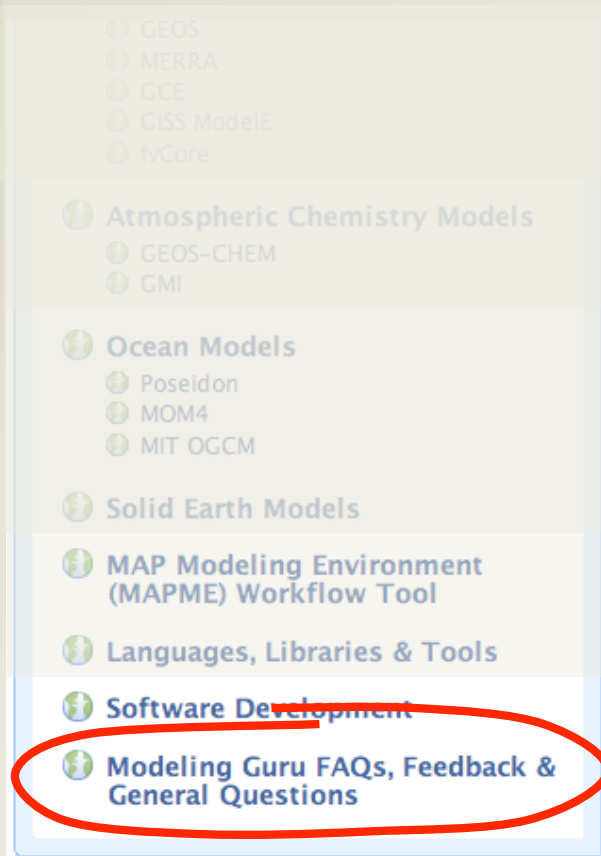
- Set your profile information and avatar (personal icon)
- Set email notification preferences
- Find your previous posts

The menu title will turn **orange** when there are new items that need your attention, such as new private messages or documents requiring your approval.



NASA Modeling Guru Basics

Still have Questions?



- See the FAQ documents inside the “Modeling Guru FAQs, Feedback & General Questions” community
- Post any new questions or feedback concerning the use of Modeling Guru by starting a discussion thread in the same “Feedback & General Questions” area
- Additional details are shown in Jive Software’s “Clearspace Quick Tour” at <http://www.jivesoftware.com/builds/docs/clearspace/latest/ClearspaceQuickTour.html> (see Quick Tour link on the Modeling Guru home page)
- Or contact SIVO’s Curators listed at the bottom of each Modeling Guru page